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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/771,268	02/03/2004	Heng Liao	PAT 2241-2 US	2322
26123	7590	04/04/2008	EXAMINER	
BORDEN LADNER GERVAIS LLP			TRAN, TUNG Q	
Anne Kinsman			ART UNIT	PAPER NUMBER
WORLD EXCHANGE PLAZA			2616	
100 QUEEN STREET SUITE 1100				
OTTAWA, ON K1P 1J9				
CANADA				
NOTIFICATION DATE	DELIVERY MODE			
04/04/2008	ELECTRONIC			

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Advisory Action Before the Filing of an Appeal Brief	Application No.	Applicant(s)
	10/771,268	LIAO ET AL.
	Examiner	Art Unit
	TUNG Q. TRAN	2616

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 03 March 2008 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) The period for reply expires _____ months from the mailing date of the final rejection.
- b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because

- (a) They raise new issues that would require further consideration and/or search (see NOTE below);
- (b) They raise the issue of new matter (see NOTE below);
- (c) They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. Applicant's reply has overcome the following rejection(s): _____.

6. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. For purposes of appeal, the proposed amendment(s): a) will not be entered, or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: _____.

Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9. The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10. The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.

12. Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____

13. Other: _____.

/Kwang B. Yao/
Supervisory Patent Examiner, Art Unit 2616

Continuation of 11. does NOT place the application in condition for allowance because:
Examiner have reviewed the Applicant's Remarks/Arguments carefully but respectfully disagree. The citations which Applicant indicates does not cover the claimed limitations: Regarding claim 1, new matters are introduced: receiving data packets each tagged according to an encapsulation scheme and including a port or channel ID; multiplexing a number of data streams according to respective tags, port or channel IDs of said data packets; and mapping each said data stream directly to a physical transport interface by tag modification independent of any Layer 2 bridging or Layer 3 routing protocol.
Regarding claim 4, new matters are introduced: an ingress portion having an ingress header unit for receiving data from an Ethernet MAC subsystem and extracting 2-tuple ingress search keys including a port or channel ID and an ingress frame tag, wherein said ingress frame tag is according to an ingress frame tag encapsulation scheme; egress portion having an egress header unit for receiving data from said encapsulation engine and extracting 2-tuple ingress search keys including a virtual concatenation ,group ID and an egress frame tag, wherein said egress frame tag is according to an egress frame tag encapsulation scheme.
Regarding claim 9, new matters are introduced: receiving a data packet tagged according to an encapsulation scheme and including a port or channel ID; extracting a search key including said port or channel ID and said tag from said input client frame via said header unit; applying discard policies to said flow FIFO based on said flow context.
Regarding claim 10, new matters are introduced: said scheduling step occurs in accordance with said flow context.
Regarding claim 14, new matters are introduced: said ingress frame tag is an 802.1Q tag, a MPLS tag, or a proprietary tag.
Regarding claim 15, new matters are introduced: wherein said egress frame tag is an 802.1Q tag, a MPLS tag, a proprietary tag, or a GFP tag.